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 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
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 WHITE, L.D. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 Office of Nuclear Reactor Regulation
 CRUTCHFIELD, D. Operating Reactors Branch 5

SUBJECT: Submits response to Items 3.1.8, 3.1.11, 3.1.21, 3.1.48 &
 3.1.49 of mods to fire protection plan requested by NRC
 790214 safety evaluation. Completion schedule of mods will
 be delayed beyond June 1980 due to complexity of designs.

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LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
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May 23, 1980

Director of Nuclear Reactor Regulation
Attention: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Fire Protection at R.E. Ginna
Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

In the Fire Protection Safety Evaluation Report for Ginna Station which was issued by the NRC on February 14, 1979, requirements were established for the Rochester Gas and Electric Corporation to make certain plant modifications to improve the fire protection program. The purpose of this letter is to respond to items 3.1.8 (Fire Barriers), 3.1.11 (Battery Room Ventilation), 3.1.21 (Control room Separation), 3.1.48 (Hydrogen Piping), and 3.1.49 (Kitchen Area).

Although engineering, material acquisition, and construction scheduling is progressing, these items will not be completed in June 1980 as scheduled for the reasons described below.

Item 3.1.8 (Fire Barriers) requires upgrading walls between the auxiliary building and the nitrogen storage building, and installing seals in the intermediate building cable tunnel opening and between the floor of the east cable vault and the metal barrier separating power cables of the two diesel generators. The potential fire hazard created by the storage of hydrogen in the nitrogen storage building will be eliminated with the removal of the hydrogen. A dedicated hydrogen storage building (ref. item 3.1.48) will be constructed which will eliminate the need to upgrade the walls between the auxiliary building and the nitrogen storage building. Design of seals in the intermediate building cable tunnel opening are being conceptually reevaluated in light of the required ASTM E-119 qualification. Implementation date of this requirement of item 3.1.8 will be June 1981. Installation of the seal between the floor of the east cable vault and the metal barrier separating power cables of the two diesel generators was completed prior to December 1, 1979.

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TO Mr. Dennis Crutchfield

Item 3.1.11 (Battery Room Ventilation) requires that the battery room ventilation system be modified to minimize the potential for flow of smoke and hot gases into the battery rooms from adjacent areas and between the battery rooms. The final design was delayed pending resolution of approval of the turbine building pressure wall design. Installation of dampers to minimize the flow of smoke and hot gases has been completed; design of hydrogen concentration and flow switches will be completed as part of the ventilation modification for the turbine building pressure wall. Remaining work will be completed December 1980.

Item 3.1.21 (Control Room Separation) requires that a double-feed water curtain system be installed over the steel diaphragm which separates the control room from the operating floor of the turbine building. The final design of the water curtain will be completed in conjunction with item 3.1.1 (Fire Detection Systems) and item 3.1.2 (Water Suppression Systems and Equipment). Installation of the water curtain and item 3.1.2 will be done concurrently. The scheduled completion is June 1981.

Item 3.1.48 (Hydrogen Piping) requires that the hydrogen piping supplying the volume control tank be modified to provide protection against hazards from hydrogen leakage. The modification consists of dedicated hydrogen storage building and relocation of hydrogen piping in the auxiliary building. Design and installation of tie-in valves was completed during the 1980 spring refueling outage; final design is being completed at this time; construction is scheduled to start August 1980 on remaining work and be completed December 1980.

Item 3.1.49 (Kitchen Area) requires that a one hour rated fire barrier be installed between the kitchen area and the control room. Scheduled completion of the design is June 1980 and installation will be completed September 1980.

Every effort will be made to meet the completion dates and if possible to improve upon them.

Very truly yours,



L.D. White, Jr.

LDW:rb

